



Learning Technology
Center 1 Central



Stilgebauer Award 2010 – Application Form

Please provide the information below. This application form needs to accompany the Project Summary for the project to be considered for a Stilgebauer award. Individuals or teams may complete the required information for their own project(s) or for another teacher or group's project

Project Name: Distance Learning	
School Regional Area	<input type="checkbox"/> North Cook <input checked="" type="checkbox"/> South Cook <input type="checkbox"/> West 40
District Name	Consolidated High School District 230
District No.	230
Name(s)-Teams with up to 5 members will be accepted! Include all names.	
Email Address(s)	
* Christopher J. Sandor	* csandor@d230.org
*	*
*	*
*	*
*	*
School Name	
Amos Alonzo Stagg High School	
School Street Address	
8015 W. 111th Street	
School City, State, Zip	
Palos Hills, Illinois 60465	
School Phone Number	
(708) 974-7500	
If you are providing information to nominate another teacher or group, please provide your information below (if different from those named above).	
Nominator's Name	Joel D. Margliano
Nominator's Phone #	(708) 745-5227
Best Contact Time	8:00 a.m. - 4:00 p.m.
Nominator's Email	jmargliano@d230.org

Please attach the Project Summary to this form and send to Learning Technology Center One Central at 2701 W. Washington Blvd., 2nd Floor, Bellwood, IL 60104

Summary

1. **Project Descriptive Title:** Distance Learning
2. **Project Abstract:** Two eighth grade students at our partner school, Palos Junior High, had exhausted all available math courses in their district. Our district offered to have the students participate in an Honors Geometry class at Amos Alonzo Stagg High School but the transportation logistics on a daily basis and missing other classes in order to attend one class were a few issues that posed a problem. The solution was to create a distance learning class that will allow the students to stay in their home school but still participate in this class and receive credit.
3. **Grade level(s):** 8th Grade – 12th Grade
4. **Subject area(s):** Mathematics
5. **Technology resources:** Logitech QuickCam v11.7 Web Cam, HP Officejet 6500 Wireless Scanner/Printer, Qomo Tablet, LCD Projector, Geometers Sketchpad, Skype, Microsoft Word, Adobe Acrobat, Microsoft Live@Edu (Cloud Computing for storage and student email accounts), Microsoft SharePoint Virtual Classroom.
6. **Other materials used:** Geometry for Enjoyment and Challenge
– McDougal Littell
7. **Standards:**
 - a. **Illinois Learning Standards - Mathematics:**
 - 9A4a • 9C4b
 - 9A4b • 9C4c
 - 9B4 • 9D4
 - 9C4a
 - b. **National Educational Technology Standards (NETS-S)**
 - 1C • 4D
 - 1D • 5A
 - 2A • 5B
 - 2C • 5C
 - 2D • 5D
 - 3D • 6A
 - 4C • 6B

Consolidated High School District 230 – Orland Park, Illinois
Larry Stilgebauer Technology Award Application 2010

8. **Process:** The students were able to participate in a class that was offered at the local high school while staying at their home school. The middle school student's that participated in this were able to attend the first two week of class at the high school and became a part of the class. The concept of distance learning was explained to all students in this class. This created an atmosphere that was comfortable to the students that were participating at the middle school and the students that attended the high school. This project was created in order to allow the students to further advance their math classes and meet their needs.
9. **Integration:** The technology that was used in this project impacted how the students were learning geometry. The use of the Qomo Drawing Tablet impacted both the traditional classroom at the high school and the remote classroom at the middle school. Students that would generally not want to go to the board to solve an equation were intrigued and were eager to get involved and solve the equation using the Qomo Tablet. This technology was introduced as a way to involve the students and to make the remote learning easier to view when using a web cam. Since there was a reflection on the white board when using the web cam, a solution was needed to make remote viewing easier for the students at the middle school. The introduction of this technology to the students helped them overcome their resistance to answer questions and it allows the teacher to save the problems solved in class and theory presented can be saved as a PDF file and sent to the students email account and also posted on the teachers SharePoint web page.
10. **Reflection:** This project has impacted learning in several areas. The initial plan for this project was to give students the ability to communicate with a teacher and participate in a class being held in a separate location. Since this project started, it has opened doors that will give students the ability to participate in a class at any of our buildings if it is not offered in their home building eliminating the need to travel.

One area that will see a tremendous impact will be students that are considered homebound for medical reasons. Currently, a student that is homebound will meet with a teacher once each week to cover materials presented in class and answer any questions. With the use of these technologies, a homebound student will now be able to participate in class and not fall behind with their assignments. All students involved in this type of classroom environment will be able to learn, interact, collaborate, and contribute with any lesson being presented in their class.

We have just begun to explore to possibilities of this type of project and will continue to explore the possibilities.